



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: G. R. Perfetti, P. E.
STATE BRIDGE DESIGN ENGINEER

DATE: October 28, 2004

SUBJECT: CORED SLAB TOP-DOWN CONSTRUCTION

When top-down construction is anticipated or required on cored slab bridges, modify the usual General Drawing note to read as follows:

Assumed live load = HS20 or alternate loading, except that cored slab units have been designed for HS25.

In addition, place the following note on the General Drawing:

This bridge shall be constructed using top-down construction methods. The use of a temporary causeway or work bridge is not permitted.

This policy is effective immediately. The Design Manual and the Standard Notes will be updated at a later date.

GRP/GM

cc: R. V. Keith, P. E.
R. A. Raynor, Jr., P. E.
T. S. Drda, P. E., FHWA
E. C. Powell, Jr., P. E., Attn: R. Hancock, P. E.
J. Emerson, P. E.